CLAIMS:

1.   A system (30) for displaying a user selectable subset of images (3) from an
image data set, in particular for medical applications, the images (3) being at least two-
dimensional and being associated with a set of at least one attribute with a respective range of
values and an additional attribute with a range of values, the system comprising:

5   an input (35) for receiving the image data set;
                     a memory (39) for storing the image data set;
                     an interface for receiving instructions from a user, the interface comprising a
manipulation unit (37, 38);
                     a processor (36) for, under control of a computer program,
10   -   enabling a user to select a respective subrange of the range of values by
scrolling substantially parallel to a horizontal x-axis or a vertical y-axis of a display via the
manipulation unit (37, 38);
     -               enabling a user to select a value for the additional attribute by scrolling
substantially parallel to an imaginary z-axis via the manipulation unit (37, 38);
15   -   determining the subset, by selecting images (3) which for the at least one
attribute of the set have values in the respective subrange and which also have the value for
the additional attribute;
     -               generating a view of the subset of images (3); and
                     an output (33) for providing pixel values of the view for rendering on a display
20   (34).

2.   A system (30) as claimed in claim 1, wherein the manipulation unit comprises
a pointer device (38) and the imaginary z-axis is being realized in a line extending between
the x-axis and the y-axis.

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3.   A system (30) as claimed in claim 1, wherein a mouse pointer is provided for
providing visual feedback during selection of the subranges or the value of the additional
attribute.

4.   A system(30) as claimed in claim 1, wherein an indicator is provided for indicating along which of the three axes scrolling is possible.

5.   A system (30) as claimed in claim 1, wherein a configuration dialog (100) is
5   provided for configuring which attributes are represented by each of the three axes.

6.   A system (30) as claimed in claim 1, wherein the processor (36) is arranged for, under control of the computer program,
          -        changing the subset by periodically increasing or decreasing the value of an
10   attribute of the set or the value of the additional attribute; and
          -        changing the view according to the changed subset.

7.   A system (30) as claimed in claim 1, wherein the processor (36) is arranged for, under control of the computer program,
15   -   periodically increasing or decreasing a value of a further attribute of each
image (3), said value not being selectable by scrolling substantially parallel to one of the
three axes; and
          -        changing the view according to the changed value.

20   8.   A method for displaying a user selectable subset of images (3) from an image
data set, in particular for medical applications, the images (3)being at least two-dimensional
and being associated with a set of at least one attribute with a respective range of values and
an additional attribute with a range of values, the method comprising:
          receiving and storing the image data set;
25   enabling a user to select a subrange of the respective range of values by
scrolling substantially parallel to a horizontal x-axis or a vertical y-axis of a display via a
manipulation unit (37,38);
          enabling a user to select a value for the additional attribute by scrolling
substantially parallel to an imaginary z-axis via the manipulation unit;
30   determining the subset, by selecting images (3) which for the at least one
attribute of the set have values in the respective subrange and which also have the value for
the additional attribute;
          generating a view of the subset of images; and
          providing pixel values of the view for rendering on a display (30).

9.   A computer program product operative to cause a processor to perform the method of claim 8.